

**Program of the Workshop "Complex Analysis and  
Geometry"**

**(16.11 - 19.11.2021, Ufa, Russia)**

**November, 16, Tuesday; Moscow time (GMT+3)**

**15.25 - 15.30** Opening of the Workshop.

Co-chairs: I. Musin, A. Sukhov, R. Yulmukhametov.

**15.30 - 16.15** A. Baranov (St. Petersburg, Russia) Complete interpolating sequences for small Fock spaces and for the Gaussian shift-invariant spaces.

**16.20 - 17.05** A. Borichev (Marseille, France) The Szego minimum problem.

**17.10 - 17.55** E. Doubtsov (St. Petersburg, Russia) Clark measures and composition operators on the unit ball of  $\mathbb{C}^n$ .

**18.00 - 18.45** E. Chirka (Moscow, Russia) TBA.

**18.50 - 19.35** S. Pinchuk (Bloomington, USA) Jacobian Conjecture.

**November, 17, Wednesday; Moscow time (GMT+3)**

Co-chairs: I. Musin, A. Sukhov, R. Yulmukhametov.

**15.00 - 15.45** I. Kayumov (Kazan, Russia) Coefficient problems for bounded analytic functions and Bohr type inequalities.

**15.50 - 16.35** A. Sergeev (Moscow, Russia) Hermitian Yang–Mills equations and their generalizations.

**16.40 - 17.25** F. Forstneric (Ljubljana, Slovenia) Hyperbolic domain in real Euclidean spaces.

**17.30 - 18.15** S. Nemirovski (Moscow, Russia) Open problems on open holomorphic embeddings.

**18.20 - 19.05** A. Sadullaev (Tashkent, Uzbekistan) Real analytic analogue of Forelli's theorem.

**November, 18, Thursday; Moscow time (GMT+3)**

Co-chairs: I. Musin, A. Sukhov, R. Yulmukhametov.

**15.00 - 15.45** F. Avkhadiev (Kazan, Russia) Some open problems on Hardy-Rellich type inequalities in plane domains.

**15.50 - 16.35** Yu. Belov (St. Petersburg, Russia) Gabor analysis for Cauchy kernel.

**16.40 - 17.25** V. Kapustin (St. Petersburg, Russia) Zeros of the Riemann zeta function and differential operators.

**17.30 - 18.15** K. Fedorovskiy (Moscow, Russia) Uniform approximation by polyanalytic polynomial modules.

**18.20 - 19.05** N. Levenberg (Bloomington, USA) Random Polynomials.

**November, 19, Friday; Moscow time (GMT+3)**

Co-chairs: I. Musin, A. Sukhov, R. Yulmukhametov.

**10.00 - 10.45** V. Dubinin (Vladivostok, Russia) Schwarzian at the boundary, half-plane capacity and symmetrization.

**10.50 - 11.35** S. Nasyrov (Kazan, Russia) Quasiconformal reflection with respect to isosceles trapezoids.

**11.40 - 12.25** F. Larusson (Adelaide, Australia) A strong parametric h-principle for complete minimal surfaces.

**12.30 - 13.15** J. Merker (Paris, France) On differential invariants of geometric structures.

**13.20 - 14.05** N. Kruzhilin (Moscow, Russia) Holomorphic maps preserving some complex lines.

**14.10 - 14.55** A. Domrin (Moscow, Russia) Soliton equations from the complex analytic point of view.

**15.00 - 15.45** A. Tsikh (Krasnoyarsk, Russia) Multidimensional residues and interpolations.

**15.50 - 16.35** R. Shafikov (London, Canada) Survey of recent results on singular Levi-flat hypersurfaces.